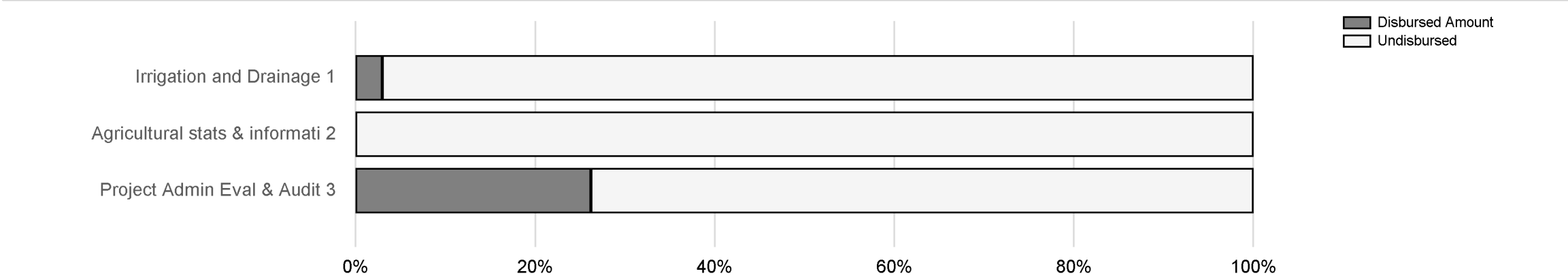


PMR Public Report

Operation Number	SU-L1052	Chief of Operations Validation Date	05/05/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	05/05/23
Last Update	05/03/23	Country Representative Validation Date	05/15/23
PMR Validation Stage	Validated by Representative		

Basic Data			
Operation Profile			
Operation Name	Sustainable Agricultural Productivity Program	Loan Number	4615/OC-SU
Executing Agency	MINISTRY OF AGRICULTURE, ANIMAL HUSBANDRY AND FISHERIES (LVV)	Sector/Subsector	AGRICULTURE AND RURAL DEVELOPMENT-IRRIGATION AND DRAINAGE
Team Leader	COLLINS, MICHAEL I.	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Suriname
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLIC OF SURINAME		
Environmental and Social Safeguards			
Impacts Category	B	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

Financial Data									
	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
SU-L1052	30,000,000	30,000,000	0	0	30,000,000	30,000,000	2,133,472.68	7.11%	27,866,527.32
Aggregated	30,000,000	30,000,000	0	0	30,000,000	30,000,000	2,133,472.68	7.11%	27,866,527.32
Expense Categories by Loan Contract (cumulative values)									



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

RESULTS MATRIX

General Development Objectives

General Development Objectives Nbr. 1: Increase agricultural productivity in Suriname

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2024	
1.0	Rice productivity	ton/ha	5.01	2017	2024	P	5.61
						A	-

Details

Means of Verification: LVV Reports

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): Yes

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2024	
1.3	Small farmers' profits from rice production	US\$/HA	1447	2018	2024	P	3,680
						A	-

Details

Means of Verification: Program financed survey

Observations:

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

RESULTS MATRIX

Specific Development Objectives

Specific Development Objectives Nbr. 1: Improve infrastructure and management of irrigation and drainage systems

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	2024	EOP 2024
1.0	Costs of operating I&D infrastructure are reduced	SRD million	3	2018	P	-	-	3.12
					A	-	-	-

Details

Means of Verification: LVV reports

Observations: Government expenditure (fuel and oil) in pumping water at Wakay station during dry season

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	2024	EOP 2024
1.3	Flooding risk reduced	days	60	2017	P	-	-	-
					A	-	-	-

Details

Means of Verification: OWMCP Reports

Observations: Number of days (annual) in which swamp water level is above critical level

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	2024	EOP 2024
1.4	Water Boards formalized	Number	0	2018	P	12	-	12
					A	-	-	-

Details

Means of Verification: LVV reports

Observations: Number of Water Boards with approved bylaws

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

	Indicator	Unit of Measure	Baseline	Baseline Year		2023	2024	EOP 2024
1.5	Water Boards contribute to payment of O&M costs	Percentage	0	2018	P	-	-	60
					A	-	-	-

Details

Means of Verification: LVV reports

Observations: Percentage of O&M cost covered by WB members

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

Indicator		Unit of Measure		Baseline	Baseline Year	2023	2024	EOP 2024
1.6	Improved use of natural capital (water)	# of beneficiaries	0	2018	P	-	-	2,500
					A	-	-	-
Details								
Means of Verification: LVV reports								
Observations: Number of farmers beneficiaries of improved management of natural capital								
Evaluation Methodology: -								
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.20.a Beneficiaries of enhanced disaster and climate change resilience (# beneficiaries) (C)			
Disaggregation		Male			P	-	-	-
					A	-	-	-
		Female			P	-	-	-
					A	-	-	-
Indicator		Unit of Measure		Baseline	Baseline Year	2023	2024	EOP 2024
1.7	Participation of women in Water Boards increased	Percentage	0	2021	P	-	-	20
					A	-	-	-
Details								
Means of Verification: LVV reports								
Observations:								
Evaluation Methodology: -								
Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator				
Indicator		Unit of Measure		Baseline	Baseline Year	2023	2024	EOP 2024
1.8	Improved efficiency of I&D system	Number	0	2018	P	-	-	2
					A	-	-	-
Details								
Means of Verification: LVV reports								
Observations: Number of seasons (annual) in which irrigation calendar is followed								
Evaluation Methodology: -								
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator				
Specific Development Objectives Nbr. 2: Improve the quality and availability of agriculture statistics								
Observation:								
Indicator		Unit of Measure		Baseline	Baseline Year	2023	2024	EOP 2024
2.0	Evidence-based policy making improved	CAQ score value	32.5	2016	P	-	-	60
					A	-	-	-
Details								
Means of Verification: Country assessment questionnaire (CAQ)								
Observations: Average CAQ score on the capacity to generate statistics for policy making								
Evaluation Methodology: -								
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator				

Indicator		Unit of Measure		Baseline	Baseline Year	2023	2024	EOP 2024	
2.3	Information availability increased		Number of publications	0	2018	P	-	-	1
						A	-	-	-
Details									
Means of Verification: LVV reports									
Observations: Number of publications of census report									
Evaluation Methodology: -									
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator					
Indicator		Unit of Measure		Baseline	Baseline Year	2023	2024	EOP 2024	
2.4	Gender-specific information availability increased		Index value	0	2018	P	-	-	1
						A	-	-	-
Details									

Means of Verification: LVV reports

Observations: Index measures fraction of FAO-recommended (World Programme for the Census of Agriculture 2020) gender-disaggregated questions (5) that are included in the agricultural census.

Evaluation Methodology: -					
Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Irrigation and Drainage

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2024	2022	EOP 2024
1.01	Primary I&D infrastructure rehabilitated	Number	P	-	15	400,000	7,050,000
			P (a)	-	15	160,000	7,050,000
			A	-	1	170,865.64	700,957.06
1.02	1.2. New I&D infrastructure built	Number	P	-	2	300,000	6,500,000
			P (a)	-	2	-	6,500,000
			A	-	-	-	-
1.03	1.3. I&D action plans formulated	Number	P	1	4	15,000	51,000
			P (a)	1	4	-	51,000
			A	1	1	5,708.29	5,708.29
1.04	1.4. Water Board infrastructure rehabilitated	Number of WB	P	-	6	100,000	10,678,000
			P (a)	-	6	100,000	10,678,000
			A	-	-	197.97	447.45
1.05	1.5. Water Boards equipped and trained	Number of WB	P	-	12	60,000	190,000
			P (a)	-	12	40,000	190,000
			A	-	-	11,610.78	11,866.03
1.06	1.6. Annual communication campaigns implemented	Number	P	1	5	6,000	36,000
			P (a)	1	5	6,000	36,000
			A	1	3	8,566.02	14,299.05
1.07	1.7. Cost of O&M plans for WB co-financed	Number of WB	P	-	12	-	459,000
			P (a)	-	12	-	459,000
			A	-	-	-	-
1.08	1.8. Incentives for land leveling provided	number of farmers	P	-	300	-	115,000
			P (a)	-	300	-	115,000

1.08	1.8. Incentives for land leveling provided	number of farmers	A	-	-	-	-
1.09	1.9. Annual I&D management and coordination program implemented	Number	P	1	4	25,000	100,000
			P (a)	1	4	2,000	100,000
			A	1	1	-	-
1.10	1.10. Irrigation calendarization proposal formulated and presented to users	Number	P	-	1	-	31,000
			P (a)	-	1	-	31,000
			A	-	-	-	-
1.11	1.11. Hydrometric training for OWMCP	Training Sessions	P	-	12	-	26,000
			P (a)	-	12	-	26,000
			A	-	-	-	-
1.12	1.12. OWMCP’s hydrological flow measurement and model developed	Number	P	-	1	25,000	55,000
			P (a)	-	1	-	55,000
			A	-	-	-	-
1.13	1.13. Hydrological and weather network installed	% of equipment	P	-	100	-	610,000
			P (a)	-	100	-	610,000
			A	-	-	-	-
1.14	1.14. Operational Decision Support System developed and delivered	system	P	1	1	150,000	150,000
			P (a)	-	1	-	150,000
			A	-	-	-	-
1.15	1.15. Water users trained on sustainable use of water and inputs	Number	P	-	700	-	20,000
			P (a)	-	700	-	20,000
			A	-	-	-	-
1.16	1.16. Sustainable and integrated Water Resource Management Program developed	program	P	-	1	-	80,000
			P (a)	-	1	-	80,000
			A	-	-	-	-
1.17	1.17. Ecological assessment of the Nanni Swamp	Report	P	1	1	40,000	40,000
			P (a)	1	1	40,000	40,000
			A	-	-	44,465.51	44,465.51
1.18	1.18. Pesticide survey and sediment quality study	Report	P	1	1	200,000	200,000
			P (a)	1	1	10,000	200,000
			A	-	-	351.35	351.35
1.19	1.19. Water quality monitoring system established	system	P	-	1	-	100,000
			P (a)	-	1	-	100,000
			A	-	-	-	-
1.20	1.20. Gender Action Plan implemented	Yearly plan	P	1	4	10,000	40,000
			P (a)	1	4	7,500	40,000
			A	1	1	17,301.46	17,556.71

Component Nbr. 2 Agricultural Statistics and Information

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2024	2022	EOP 2024
2.01	2.1 Agricultural census implemented	Census	P	-	1	148,056	1,021,000
			P (a)	-	1	5,000	1,021,000
			A	-	-	-	-
2.02	2.2 Post-census survey implemented	Survey	P	-	2	-	29,000
			P (a)	-	2	-	29,000
			A	-	-	-	-
2.03	2.3 Surveys with probabilistic sample developed	Number of surveys	P	-	1	-	40,000
			P (a)	-	1	-	40,000
			A	-	-	-	-
2.04	2.4 LVV staff trained in statistical and census methods	Number	P	2	11	1,000	24,000
			P (a)	2	11	1,000	24,000
			A	2	2	537.16	537.16
2.05	2.5 LVV/DAS equipped	Number	P	-	1	50,000	545,000
			P (a)	-	1	10,000	545,000
			A	1	1	5,480.69	5,480.69

Other Cost				
	External Audit	P	24,000	120,000
		P (a)	14,000	120,000
		A	15,625.65	15,625.65
	Monitoring and Evaluation	P	50,000	250,000
		P (a)	0	250,000
		A	0	0
	Project Management	P	240,000	1,440,000
		P (a)	435,000	1,440,000
		A	460,610.28	460,610.28
Total Cost				
	Total Cost	P	1,844,056	30,000,000
		P (a)	830,500	30,000,000
		A	741,320.8	1,277,905.23

No information available for this section

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy		
1	Active		Institutional Environment		
	Response Actions				
	1.01	Management Strategy		Status	
		MITIGATE		ACTIVE	
	1.02	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy		
2	Active		Natural Environment		
	Response Actions				
	2.01	Management Strategy		Status	
		MITIGATE		ACTIVE	
	2.02	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy		
3	Active		Organizational Structure		
	Response Actions				
	3.01	Management Strategy		Status	
		MITIGATE		ACTIVE	
	3.02	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy
4	Active		Human Resources
	Response Actions		
	4.01	Management Strategy	Status
		MITIGATE	ACTIVE
	4.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
5	Active		Institutional Environment
	Response Actions		
	5.01	Management Strategy	Status
		MITIGATE	ACTIVE
	5.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
6	Active		Social Environment
	Response Actions		
	6.01	Management Strategy	Status
		MITIGATE	INACTIVE
	6.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
7	Active		Human Resources
	Response Actions		
	7.01	Management Strategy	Status
		MITIGATE	ACTIVE
	7.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
8	Active		Sustainability
	Response Actions		
	8.01	Management Strategy	Status
		MITIGATE	ACTIVE
	8.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
9	Active		Sustainability
	Response Actions		
	9.01	Management Strategy	Status
		MITIGATE	COMPLETE
	9.02	Management Strategy	Status
		MITIGATE	ACTIVE
	9.03	Management Strategy	Status
		MITIGATE	ACTIVE
	9.04	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
10	Active		Planning
	Response Actions		
	10.01	Management Strategy	Status
		MITIGATE	ACTIVE
	10.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
11	Active		Natural Environment
	Response Actions		
	11.01	Management Strategy	Status
		MITIGATE	ACTIVE
	11.02	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
12	Active		Organizational Structure
	Response Actions		
	12.01	Management Strategy	Status
		MITIGATE	ACTIVE
	12.02	Management Strategy	Status
		MITIGATE	ACTIVE
	12.03	Management Strategy	Status
		MITIGATE	ACTIVE
	12.04	Management Strategy	Status
MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy
13	Active		Organizational Structure
	Response Actions		
	13.01	Management Strategy	Status
		MITIGATE	ACTIVE
	13.02	Management Strategy	Status
		MITIGATE	ACTIVE
	13.03	Management Strategy	Status
		MITIGATE	ACTIVE
	13.04	Management Strategy	Status
MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy
14	Active		Internal Processes
	Response Actions		
	14.01	Management Strategy	Status
		MITIGATE	ACTIVE
	14.02	Management Strategy	Status
		MITIGATE	ACTIVE

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories